

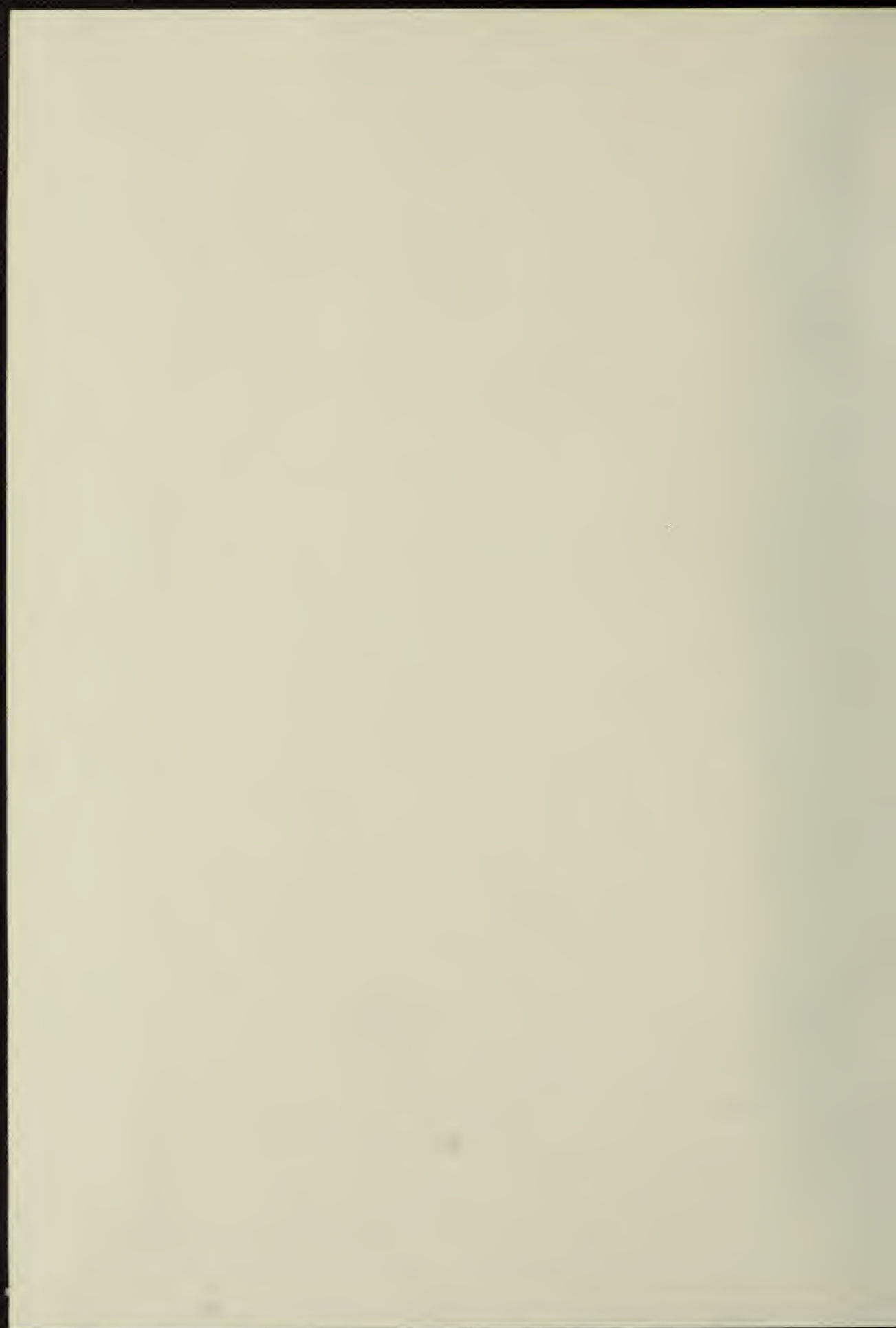


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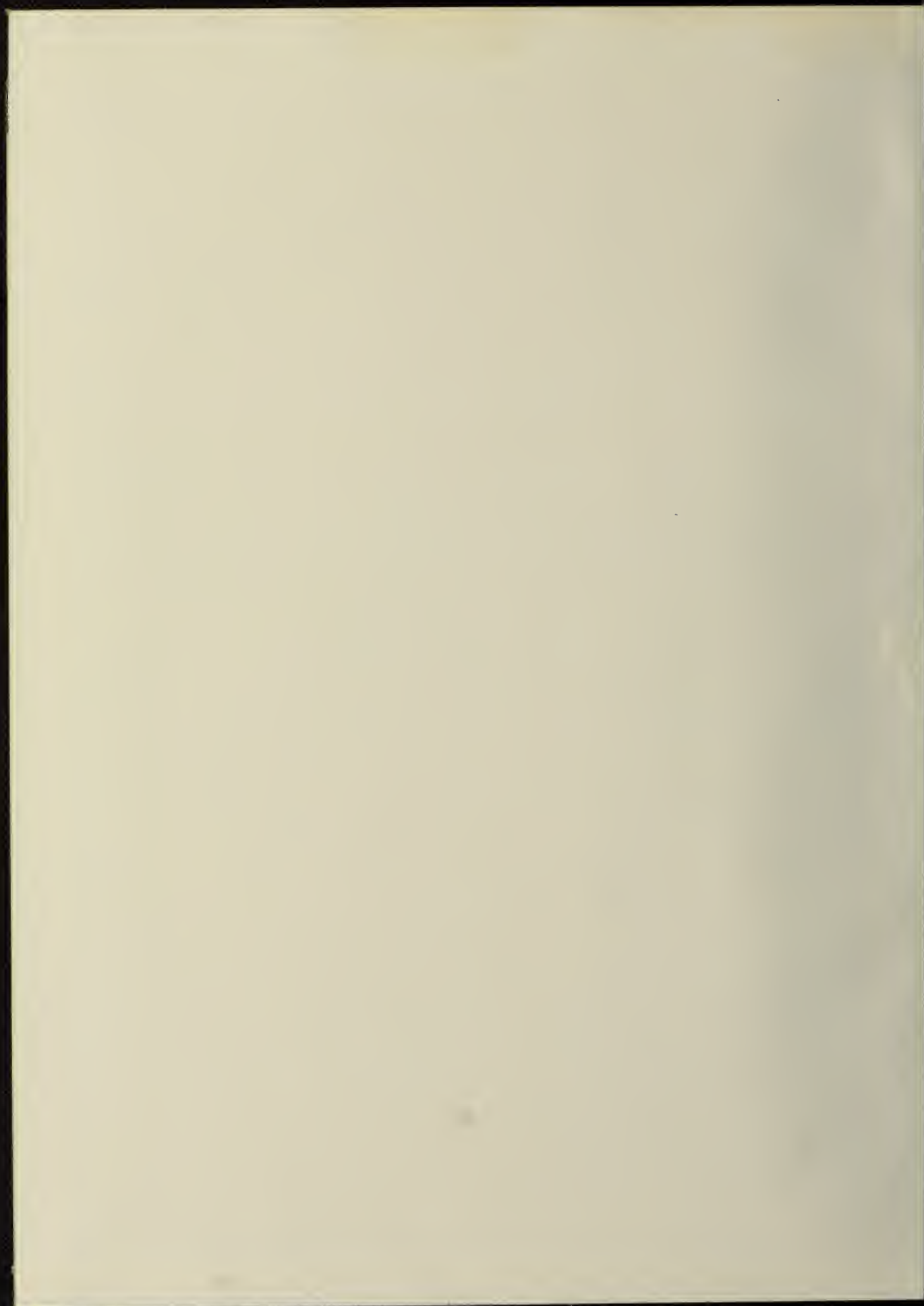
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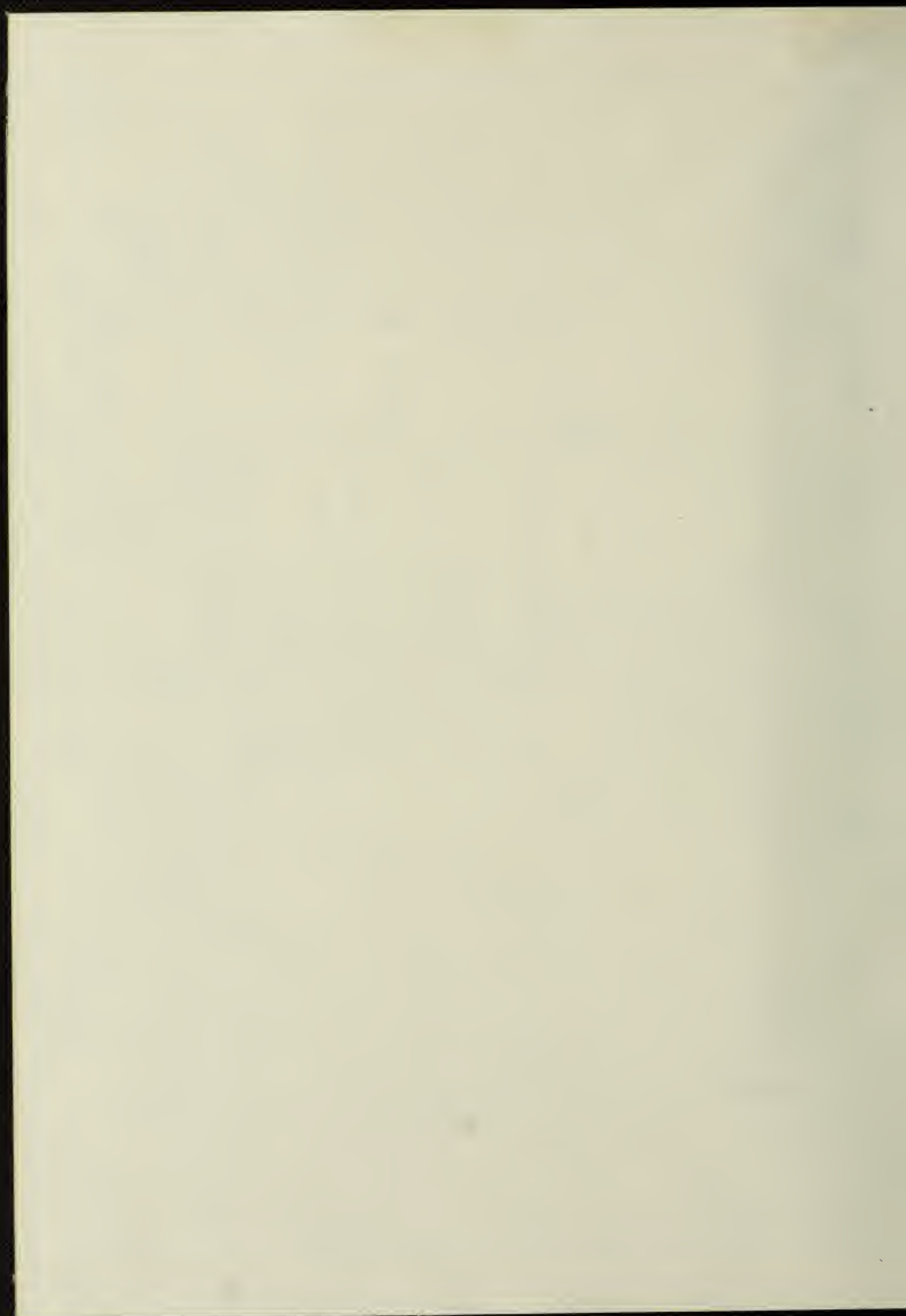
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# CARCINOGENESIS ABSTRACTS

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## **EDITOR**

**GEORGE P. STUDZINSKI, M.D., Ph.D.**  
COLLEGE OF MEDICINE AND DENTISTRY  
OF NEW JERSEY, NEWARK

## **ASSOCIATE EDITOR**

**JUSSI J. SAUKKONEN, M.D.**  
JEFFERSON MEDICAL COLLEGE  
PHILADELPHIA

## **NCI STAFF CONSULTANTS**

**ELIZABETH WEISBURGER, Ph.D.**  
**JOAN W. CHASE, M.S.**

*Literature Selected, Abstracted, and Indexed*  
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**BRUCE H. KLEINSTEIN, Ph.D., J.D., Assistant Director, Biomedical Projects**

**RUTHANN E. AUCHINLECK, Managing Editor**

**The Franklin Research Center**  
**The Benjamin Franklin Parkway, Philadelphia, Pennsylvania 19103**

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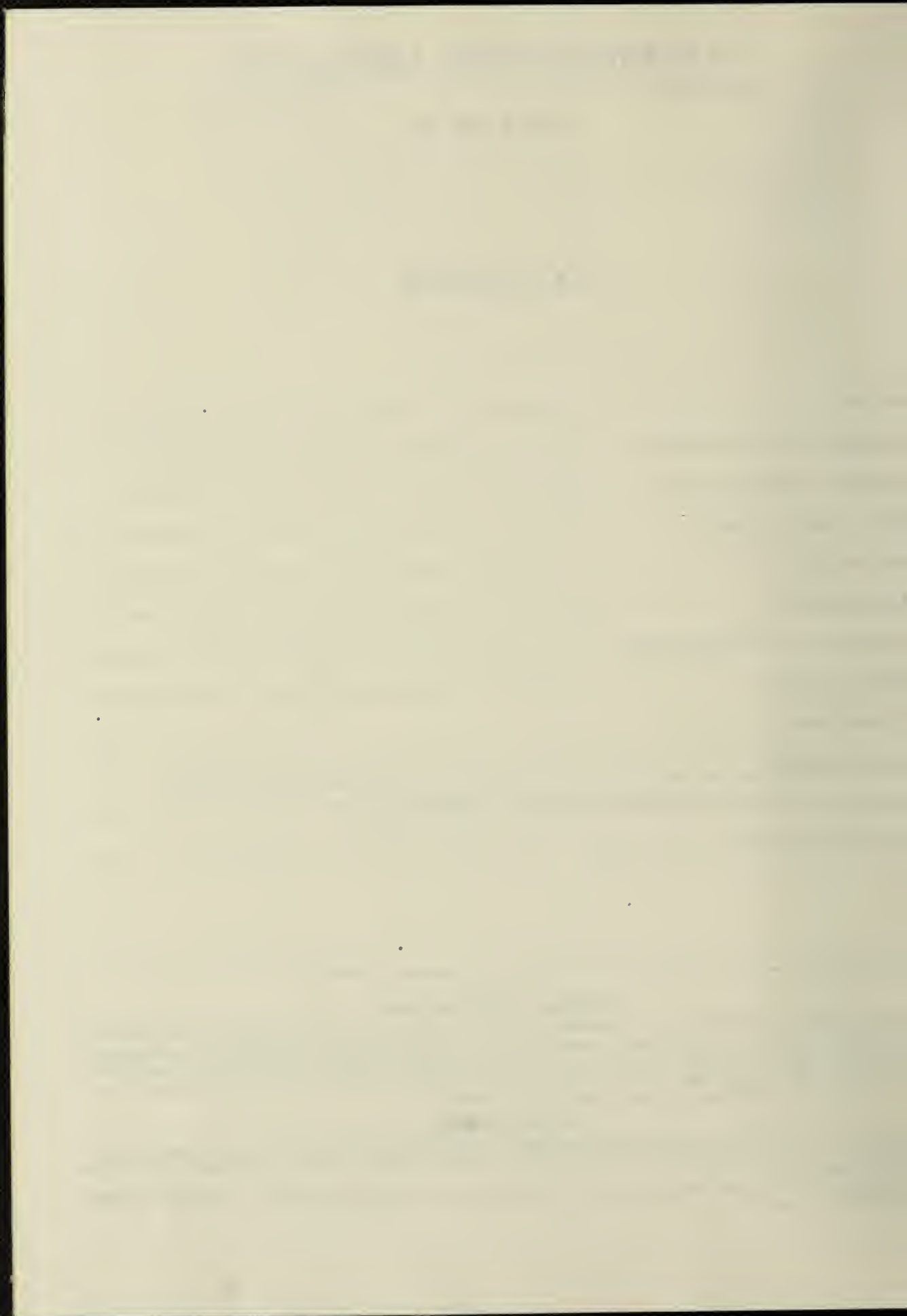
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**LANGUAGE** of the article is indicated in parentheses after the title and is represented by a three-letter code. The source for these codes is *MARC Manuals Used by the Library of Congress*, pages 183-187.

**ABBREVIATIONS** used in abstracts:

<b>A</b>	angstrom(s)	<b>mOsm</b>	milliosmolar
<b>ACTH</b>	adrenocorticotrophic hormone	<b>max</b>	maximum
<b>ADP</b>	adenosine diphosphate	<b>mEq</b>	milliequivalent(s)
<b>AMP</b>	adenosine monophosphate	<b>min</b>	minute(s)
<b>ATP</b>	adenosine triphosphate	<b>ml</b>	milliliter(s)
<b>approx</b>	approximately	<b>μl</b>	microliter(s)
<b>av</b>	average	<b>mm</b>	millimeter(s)
<b>BCG</b>	bacillus Calmette-Guerin	<b>mo</b>	month(s)
<b>bid</b>	twice daily	<b>mol wt</b>	molecular weight
<b>C</b>	degree(s) centigrade	<b>N</b>	normal concentration
<b>cal</b>	calorie(s)	<b>NAD</b>	nicotinamide adenine dinucleotide
<b>kcal</b>	kilocalorie(s)	<b>NADH</b>	reduced nicotinamide adenine dinucleotide
<b>cc</b>	cubic centimeter(s)	<b>NADP</b>	nicotinamide adenine dinucleotidephosphate
<b>Ci</b>	curie(s)	<b>NADPH</b>	reduced nicotinamide adenine dinucleotidephosphate
<b>mCi</b>	millicurie(s)	<b>NCI</b>	National Cancer Institute
<b>μCi</b>	microcurie(s)	<b>NIH</b>	National Institutes of Health
<b>cm</b>	centimeter(s)	<b>PAS</b>	periodic acid-Schiff
<b>CNS</b>	central nervous system	<b>po</b>	orally
<b>cpm</b>	counts per minute	<b>ppb</b>	parts per billion
<b>DNA</b>	deoxyribonucleic acid	<b>ppm</b>	parts per million
<b>ED<sub>50</sub></b>	median effective dose	<b>qid</b>	four times daily
<b>EDTA</b>	ethylenediamine tetraacetic acid	<b>qod</b>	every other day
<b>g</b>	gram(s)	<b>QO<sub>2</sub></b>	oxygen quotient
<b>kg</b>	kilogram(s)	<b>R</b>	roentgen
<b>mg</b>	milligram(s)	<b>RBC</b>	red blood cells (erythrocytes)
<b>μg</b>	microgram(s)	<b>RNA</b>	ribonucleic acid
<b>Hb</b>	hemoglobin	<b>rpm</b>	revolutions per minute
<b>hr</b>	hour(s)	<b>sc</b>	subcutaneous
<b>ia</b>	intra-arterial	<b>sec</b>	second(s)
<b>id</b>	intradermal	<b>SGOT</b>	serum glutamic-oxaloacetic transaminase
<b>IgA</b>	Immunoglobulin A	<b>SGPT</b>	serum glutamic-pyruvic transaminase
<b>IgB</b>	Immunoglobulin B	<b>soln</b>	solution
<b>IgG</b>	Immunoglobulin G	<b>TCD</b>	tissue culture dose
<b>IgM</b>	Immunoglobulin M	<b>TCD<sub>50</sub></b>	median tissue culture dose
<b>ILS</b>	increased life span	<b>tid</b>	three times daily
<b>im</b>	intramuscular	<b>UV</b>	ultraviolet
<b>ip</b>	intraperitoneal	<b>WBC</b>	white blood cells (leukocytes)
<b>IU</b>	International Unit(s)	<b>wk</b>	week(s)
<b>iv</b>	intravenous	<b>wt</b>	weight
<b>Km</b>	Michaelis constant	<b>X</b>	times
<b>LD</b>	lethal dose	<b>yr</b>	year(s)
<b>LD<sub>50</sub></b>	median lethal dose		
<b>M</b>	molar		
<b>μM</b>	micromolar		





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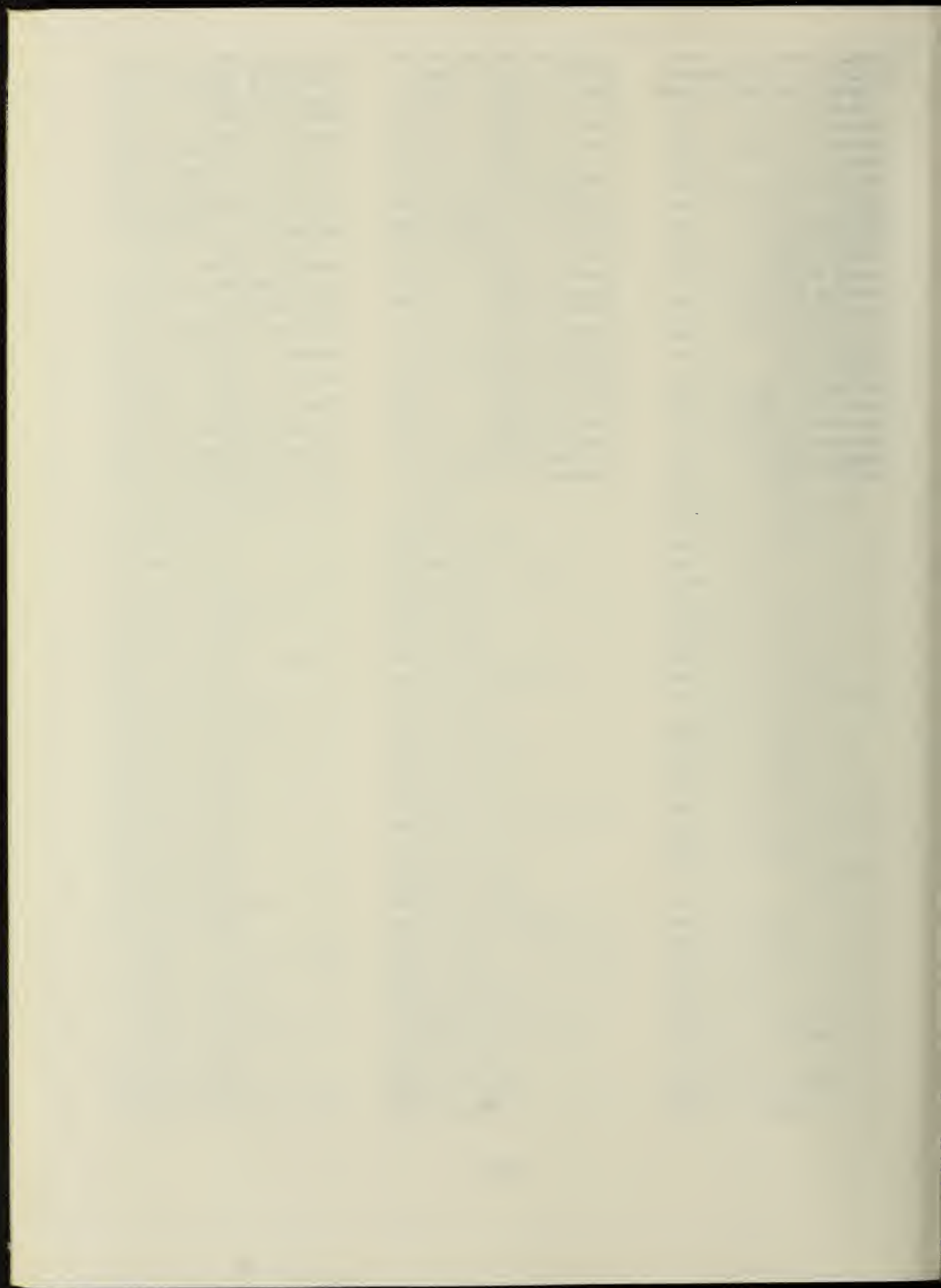
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#### **Antibodies, Viral**

Bladder Neoplasms, 78-7068  
Breast Neoplasms, 78-6412, 78-6861  
Burkitt's Lymphoma, 78-5836  
Carcinoma, 78-6861  
Cervicitis, 78-4503  
Cervix Neoplasms, 78-0404, 78-0985  
78-3038, 78-4507, 78-4509  
78-5822, 78-6939, 78-7065  
Colonic Neoplasms, 78-6861  
Gynecologic Neoplasms, 78-4503  
Head and Neck Neoplasms, 78-7034  
Hepatoma, 78-0914  
Hodgkin's Disease, 78-1104, 78-1644  
78-2869, 78-4732, 78-6452  
Infectious Mononucleosis, 78-5829  
Leukemia, 78-0359, 78-5829  
Leukemia, Myeloblastic, 78-7071  
Liver Neoplasms, 78-6861  
Lung Neoplasms, 78-6861  
Lymphoma, 78-0359, 78-1104  
78-5829, 78-6861  
Lymphosarcoma, 78-1741, 78-2862  
78-5785  
Melanoma, 78-4508, 78-6861  
Nasopharyngeal Neoplasms, 78-0893  
78-3086, 78-4044, 78-4511  
78-4571, 78-5830, 78-6552  
78-7034  
Neoplasms, 78-0301  
Nephroblastoma, 78-2869  
Neuroblastoma, 78-2869  
Ovarian Neoplasms, 78-6861  
78-6939  
Prostatic Hypertrophy, 78-7068  
Prostatic Neoplasms, 78-6499  
78-7068  
Sarcoma, 78-2869, 78-6861  
Sarcoma, Kaposi's, 78-4508

#### **Antibodies, Viral (cont'd)**

Teratoid Tumor, 78-2869  
Thymoma, 78-6874  
Virus, Adeno 2, 78-3412  
Virus, Adeno 7, 78-3412  
Virus, Adeno 8, 78-3412  
Virus, Avian Leukosis, 78-4385  
Virus, Avian Reticuloendotheliosis  
78-2204  
Virus, Bovine Leukemia, 78-0361  
78-3327, 78-4607, 78-4887  
78-6088  
Virus, C-Type RNA Tumor, 78-3042  
78-6679  
Virus, Cytomegalo, 78-0894  
Virus, Epstein-Barr, 78-0894  
78-2869, 78-2934, 78-4062  
78-4512, 78-5829, 78-5835  
78-5836, 78-6861, 78-6952  
Virus, Feline Leukemia, 78-4885  
78-5785  
Virus, Feline Sarcoma, 78-4885  
Virus, Friend Murine Leukemia  
78-0861, 78-5765  
Virus, Gibbon Ape Lymphoma  
78-4500  
Virus, Herpes Simplex 1, 78-0404  
Virus, Herpes Simplex 2, 78-0404  
78-4503, 78-7065  
Virus, Marek's Disease Herpes  
78-4400  
Virus, Mason-Pfizer Monkey  
78-4014  
Virus, Moloney Murine Sarcoma  
78-2926  
Virus, Murine Mammary Tumor  
78-2793, 78-3992  
Virus, Papilloma, 78-5791  
Virus, Polyoma, BK, 78-6905

#### **Antibody Formation**

Acetamide, *N*-(Acetyloxy)-*N*-  
fluoren-2-yl-, 78-4986  
*p*-Acetophenetidine, 78-1295  
Azathioprine, 78-1295  
Benzo(a)pyrene, 78-4597, 78-4602  
78-7059  
Bladder Neoplasms, 78-1295  
Brain Neoplasms, 78-5859  
Carbamic Acid, Ethyl Ester, 78-3126  
Cholanthrene, 3-Methyl-, 78-4602  
78-4604, 78-4606  
Choriocarcinoma, 78-2318  
*Corynebacterium parvum*, 78-7057  
Diphenylamine, *N*-Nitroso-, 78-5086  
Fibrosarcoma, 78-0942, 78-6493  
Formamide, *N*-(4-(5-Nitro-2-furyl)-2-thiazolyl)-, 78-1295  
Hepatoma, 78-0986, 78-4580  
Leukemia, 78-4553, 78-7021, 78-7022  
Leukemia L1210, 78-4080  
Leukemia, Lymphoblastic, 78-6078  
78-7013  
Leukemia, Lymphocytic, 78-2331  
78-6689



**Antibody Formation (cont'd)**

- Leukemia, Myelocytic, 78-4608
- Lung Neoplasms, 78-3126
- B-Lymphocytes, 78-4553
- Lymphoma, 78-2323, 78-4620  
78-7022
- Mammary Neoplasms, Experimental  
78-3464, 78-3465, 78-3745
- Neoplasms, 78-0094
- Peritoneal Neoplasms, 78-3427
- Prostatic Neoplasms, 78-5864
- RNA, 78-3653
- Sarcoma, 78-2911, 78-3415, 78-4600
- Sarcoma, Mast Cell, 78-3429  
78-4080
- Skin Neoplasms, 78-1406, 78-4597
- 4,4'-Stilbene diol,  $\alpha,\alpha'$ -Diethyl-  
78-7011
- Tuberculin, 78-2315
- Urea, Methyl Nitroso-, 78-5086
- Virus, Adeno 12, 78-7008
- Virus, Avian Leukosis, 78-1567
- Virus, Avian Sarcoma, 78-1555
- Virus, Cocksackie B, 78-5290
- Virus, Feline Leukemia, 78-6442
- Virus, Friend Murine Leukemia  
78-0987, 78-2033, 78-3404  
78-5207, 78-6427, 78-6430
- Virus, Gross Murine Leukemia  
78-7024
- Virus, Marek's Disease Herpes  
78-0982
- Virus, Moloney Murine Leukemia  
78-4441
- Virus, Moloney Murine Sarcoma  
78-3380
- Virus, Murine Leukemia, 78-1697  
78-4883, 78-6876
- Virus, Murine Mammary Tumor  
78-3318
- Virus, Rauscher Murine Leukemia  
78-1681, 78-2923, 78-2924  
78-7021, 78-7024
- Virus, Rawson-Parr, 78-0987
- Virus, Rous Sarcoma, 78-1567  
78-2931, 78-3281, 78-5292
- Virus, SV40, 78-3457, 78-7008
- Virus, Visna, 78-2929

**Antibody Specificity**

- Astrocytoma, 78-5859
- Benzenamine, 2-Methyl-4-((2-methylphenyl)azo)-, 78-3183
- Brain Neoplasms, 78-5859
- C.I. Acid Red 26, Disodium Salt  
78-3183
- Cell Transformation, Neoplastic  
78-0450
- Cytochromes, 78-2005
- Fibrosarcoma, 78-5866
- Glioma, 78-5859
- Hepatoma, 78-3370
- Leukemia, Lymphoblastic, 78-2307  
78-2905
- Leukemia, Lymphocytic, 78-7073
- Leukemia, Myeloblastic, 78-7019
- Lymphoma, 78-2323, 78-2810  
78-5200

**Antibody Specificity (cont'd)**

- Mammary Neoplasms, Experimental  
78-7058
- Melanoma, 78-3411
- Multiple Myeloma, 78-3396, 78-6897
- Myeloma Proteins, 78-0443
- Neoplasms, 78-7058
- Purine, 2-Amino-6-methoxy-  
78-3163
- Sarcoma, 78-3415
- Virus, Abelson Murine Leukemia  
78-5200
- Virus, Avian Myeloblastosis, 78-3270
- Virus, B77, 78-3293
- Virus, Epstein-Barr, 78-5836  
78-7015
- Virus, Feline Leukemia, 78-3323  
78-3325
- Virus, Friend Murine Leukemia  
78-3451, 78-4428, 78-4429
- Virus, Herpes Simplex 1, 78-6940
- Virus, Herpes Simplex 2, 78-6940
- Virus, Mason-Pfizer Monkey  
78-2301
- Virus, Moloney Murine Leukemia  
78-1572, 78-4428
- Virus, Moloney Murine Sarcoma  
78-2926
- Virus, Murine Leukemia, 78-1586  
78-4429
- Virus, Murine Mammary Tumor  
78-2797, 78-3315, 78-4605
- Virus, Rauscher Murine Leukemia  
78-2898, 78-4428, 78-4443
- Virus, RD-114, 78-5850
- Virus, Rous Sarcoma, 78-3270  
78-3293
- Virus, Simian Sarcoma, 78-6936
- Virus, Squirrel Monkey, 78-2301
- Virus, SV40, 78-5251
- Virus, Wart, 78-4567

**Anticoagulants**

- Neoplasm Metastasis, 78-4767

**Antifungal Agents**

- Aspergillus nidulans*, 78-4944

**Antigen-Antibody Complex**

- Agammaglobulinemia, 78-3440
- Burkitt's Lymphoma, 78-2933
- Cell Membrane, 78-0086, 78-4780
- Cell Transformation, Neoplastic  
78-0651
- Cholesterol, 78-0086
- Erythroleukemia, 78-5782
- Fibroblasts, 78-0992
- Glomerulonephritis, 78-4596
- Hepatoma, 78-7042, 78-7064
- Hodgkin's Disease, 78-2933
- Immunologic Deficiency Syndromes  
78-3440
- Kidney Neoplasms, 78-4529
- Leukemia, 78-4529
- Leukemia, Lymphoblastic, 78-7012  
78-7013
- Leukemia, Myeloblastic, 78-2933
- Lupus Erythematosus, Systemic  
78-4529

**Antigen-Antibody Complex (cont'd)**

- T-Lymphocytes, 78-0984
- Mammary Neoplasms, Experimental  
78-3464, 78-3465, 78-7058
- Neoplasms, 78-0947, 78-6504  
78-7058
- Nephroblastoma, 78-4529
- Neuroblastoma, 78-3390
- Prostatic Neoplasms, 78-6499
- Sarcoma, 78-3379, 78-7042
- Thymoma, 78-7012
- Urogenital Neoplasms, 78-0655
- Virus, Adeno 12, 78-0909
- Virus, Bovine Leukemia, 78-2899
- Virus, C-Type RNA Tumor, 78-2899
- Virus, Epstein-Barr, 78-2933
- Virus, Herpes Saimiri, 78-2269
- Virus, Papilloma, 78-5791
- Virus, Rauscher Murine Leukemia  
78-2899, 78-5782
- Virus, Simian Sarcoma, 78-2928
- Virus, SV40, 78-3457

**Antigen-Antibody Reactions**

- Adenocarcinoma, 78-0333
- Antigens, Viral, 78-5825
- Arthritis, Rheumatoid, 78-2870
- Australia Antigen, 78-4170
- Benzo(a)pyrene, 78-4602
- Bladder Neoplasms, 78-0920  
78-7199
- Brain Neoplasms, 78-2852, 78-3384
- Burkitt's Lymphoma, 78-3040  
78-6498, 78-6951
- Cell Transformation, Neoplastic  
78-0083, 78-0651
- Cervix Neoplasms, 78-1648, 78-6449
- Cholanthrene, 3-Methyl-, 78-4602
- Ependymoma, 78-2852, 78-5263
- Fibrosarcoma, 78-4593, 78-6493
- Hepatitis, 78-0911
- Hepatoma, 78-0911, 78-2878  
78-3992, 78-4287, 78-4578  
78-6961
- Hodgkin's Disease, 78-3368, 78-4732
- Intestinal Neoplasms, 78-0284
- Kidney Neoplasm, 78-3383
- Kidney Neoplasms, 78-0975
- L Cells, 78-0347
- Leukemia, 78-1709, 78-4572, 78-6498
- Leukemia, Lymphoblastic, 78-2905  
78-6498, 78-7026
- Leukemia, Lymphocytic, 78-6085
- Leukemia, Myeloblastic, 78-5865  
78-6498, 78-7026
- Leukemia, Myelocytic, 78-6498
- Liver Cirrhosis, 78-0911, 78-6961
- Lung Neoplasms, 78-3410
- Lymphocytes, 78-6986
- B-Lymphocytes, 78-1705
- Lymphoma, 78-0347, 78-3438  
78-3992, 78-4443, 78-6883  
78-7003
- Lymphosarcoma, 78-4470, 78-6085  
78-6498, 78-6896
- Melanoma, 78-7037
- Meningioma, 78-4023
- Mycosis Fungoides, 78-2314

**Antigen-Antibody Reactions (cont'd)**

- Nasopharyngeal Neoplasms, 78-2935  
78-4511
- Neoplasms, Experimental, 78-4042
- Neuroblastoma, 78-4572
- Osteopetrosis, 78-6844
- Peritoneal Neoplasms, 78-3427
- Plasmacytoma, 78-4587, 78-7003
- Prostatic Neoplasms, 78-0920
- Rhabdomyosarcoma, 78-1660  
78-3040, 78-5865
- Sarcoma, 78-1555, 78-4600, 78-5531  
78-6085
- Sarcoma, Mast Cell, 78-3429  
78-7003
- Sarcoma, Osteogenic, 78-6085
- Sarcoma, Reticulum Cell, 78-2324  
78-3040, 78-6085
- Stomach Neoplasms, 78-0978  
78-7058
- Tuberculin, 78-2315
- Urogenital Neoplasms, 78-0920
- Virus, Adeno 12, 78-0909, 78-6970
- Virus, Avian Leukosis-Sarcoma  
78-1566
- Virus, Avian Myeloblastosis, 78-3288  
78-5741, 78-6844
- Virus, Avian Sarcoma, 78-1555  
78-6394
- Virus, B77, 78-3288
- Virus, Baboon, 78-4498
- Virus, Bovine Leukemia, 78-0364  
78-4886
- Virus, C-Type RNA Tumor, 78-4498  
78-4527
- Virus, Epstein-Barr, 78-2857  
78-2876, 78-4513, 78-6450  
78-6460, 78-6951
- Virus, Feline Leukemia, 78-5227  
78-5228, 78-6443, 78-7165
- Virus, Feline Sarcoma, 78-5228  
78-6444
- Virus, Friend Murine Leukemia  
78-2217, 78-5207, 78-5283  
78-7003
- Virus, Friend Spleen Focus-Forming  
78-3971
- Virus, Gross Murine Leukemia  
78-3377, 78-6431, 78-6880
- Virus, Hepatitis, 78-4170
- Virus, Herpes Ateles, 78-2857
- Virus, Herpes Pan, 78-6450
- Virus, Herpes Papio, 78-0414  
78-6450
- Virus, Herpes Pongo, 78-6450
- Virus, Herpes Saimiri, 78-2857
- Virus, Herpes Simplex 1, 78-3362
- Virus, Herpes Simplex 2, 78-3039  
78-3362
- Virus, Marek's Disease Herpes  
78-5748, 78-6860
- Virus, Moloney Murine Leukemia  
78-0347, 78-4441, 78-6431
- Virus, Murine Leukemia, 78-4076  
78-5759, 78-6876
- Virus, Murine Mammary Tumor  
78-3990, 78-4060, 78-4605

**Antigen-Antibody Reactions (cont'd)**

- Virus, Murine Mammary Tumor  
78-6409, 78-6865
- Virus, Polyoma, 78-2299, 78-3419
- Virus, Polyoma, BK, 78-1656  
78-4474
- Virus, Polyoma, JC, 78-1656  
78-4474
- Virus, Rauscher Murine Leukemia  
78-2228, 78-4444, 78-4448  
78-6431
- Virus, RNA Tumor, 78-4539
- Virus, Rous Sarcoma, 78-3269  
78-3952, 78-6401, 78-6856
- Virus, Simian Sarcoma, 78-4498
- Virus, SV40, 78-3419
- Virus, Turkey Herpes, 78-6860

**Antigenic Determinants**

- Brain Neoplasms, 78-3384
- Breast Neoplasms, 78-3988, 78-4406
- Carcinoembryonic Antigen, 78-3375
- Cervix Neoplasms, 78-4013
- Cholanthrene, 3-Methyl-, 78-4064
- Colonic Neoplasms, 78-4403
- Dimethylamine, *N*-Nitroso-, 78-0444
- Fibrosarcoma, 78-2909, 78-3371  
78-4593, 78-5866, 78-6873
- Glioma, 78-0148
- Guanidine, 1-Methyl-3-nitro-1-nitroso-, 78-0444
- Hepatoma, 78-4287
- Kidney Neoplasm, 78-3383
- Kidney Neoplasms, 78-0975
- Leukemia, 78-1709
- Leukemia L1210, 78-2920
- Leukemia, Lymphoblastic, 78-2307  
78-7026
- Leukemia, Lymphocytic, 78-7073
- Leukemia, Myeloblastic, 78-1701  
78-7026
- Leydig Cell Tumor, 78-6415
- Lupus Erythematosus, Systemic  
78-2230
- Lymphoma, 78-2915, 78-4557  
78-7009, 78-7027, 78-7029
- Lymphosarcoma, 78-2295, 78-6896
- Mammary Neoplasms, Experimental  
78-2798, 78-3394, 78-4406  
78-4575
- Melanoma, 78-3504, 78-7037
- Multiple Myeloma, 78-3396
- Myelofibrosis, 78-0590
- Nasopharyngeal Neoplasms, 78-2860
- Neoplasms, Experimental, 78-7031
- Nervous System Neoplasms, 78-3394
- Neurilemmoma, 78-0148, 78-3394
- Oligodendroglioma, 78-3394
- Plasmacytoma, 78-2294, 78-4064
- Rhabdomyosarcoma, 78-2297
- Sarcoma, 78-3445, 78-3449, 78-4064  
78-4591, 78-4614
- Sarcoma, Reticulum Cell, 78-2324
- Skin Neoplasms, 78-4568
- Stomach Neoplasms, 78-0978
- Teratoid Tumor, 78-4550
- 12-*O*-Tetradecanoylphorbol-13-acetate, 78-6310

**Antigenic Determinants (cont'd)**

- Ultraviolet Rays, 78-5285
- Virus, Abelson Murine Leukemia  
78-5199, 78-5200
- Virus, Adeno 7, 78-2288
- Virus, Adeno 12, 78-5238
- Virus, Adeno 2 - SV40 Hybrid  
78-2265, 78-4038
- Virus, Avian Carcinoma, 78-5190
- Virus, Avian Leukosis, 78-1554  
78-4390, 78-4391
- Virus, Avian Leukosis-Sarcoma  
78-0305, 78-1566, 78-5736
- Virus, Avian Myeloblastosis, 78-3270  
78-3272, 78-3288, 78-4387  
78-5741, 78-5742
- Virus, Avian Sarcoma, 78-0310  
78-1555, 78-2776, 78-4391  
78-5739
- Virus, B77, 78-3288, 78-3290  
78-3293
- Virus, Baboon, 78-2907
- Virus, Bovine Leukemia, 78-2239  
78-3328
- Virus, C-Type RNA Tumor, 78-0881  
78-1630, 78-2212, 78-2293  
78-2446, 78-2904, 78-3040
- Virus, Cytomegalo, 78-5823
- Virus, D-Type RNA Tumor  
78-1252
- Virus, Epstein-Barr, 78-6450  
78-7015
- Virus, Feline Leukemia, 78-2907  
78-3324
- Virus, Feline Sarcoma, 78-3324  
78-6444
- Virus, Foamy, 78-2860
- Virus, Friend Murine Leukemia  
78-0860, 78-0971, 78-3406  
78-4429, 78-5205
- Virus, Friend Spleen Focus-Forming  
78-1574, 78-1578, 78-5205  
78-5208
- Virus, Gibbon Ape Lymphoma  
78-1631, 78-2907
- Virus, Gross Murine Leukemia  
78-2907, 78-3311, 78-3406  
78-4063
- Virus, Herpes Papio, 78-0414  
78-5817
- Virus, Kirsten Murine Leukemia  
78-1596
- Virus, Kirsten Murine Sarcoma  
78-0868, 78-1596, 78-4455
- Virus, Langur, 78-4012
- Virus, Leukemia, 78-4455
- Virus, Mason-Pfizer Monkey  
78-2298, 78-2907, 78-4010  
78-4014
- Virus, Moloney Murine Leukemia  
78-1572, 78-3303, 78-3378  
78-3406, 78-3881, 78-3983  
78-5205, 78-6877, 78-6884
- Virus, Moloney Murine Sarcoma  
78-0445, 78-2810
- Virus, Murine Leukemia, 78-1586  
78-2212, 78-2790, 78-2798



**Antigenic Determinants (cont'd)**

- Virus, Murine Leukemia, 78-2892  
78-2896, 78-3311, 78-3445  
78-3969, 78-5205, 78-6871  
78-6877, 78-6892
- Virus, Murine Mammary Tumor  
78-0852, 78-2791, 78-2794  
78-2797, 78-2798, 78-2921  
78-2922, 78-3315, 78-3319  
78-3320, 78-3321, 78-3991  
78-4407, 78-6413, 78-6415
- Virus, Murine Sarcoma, 78-1572  
78-2295, 78-4456
- Virus, Polyoma, 78-3346
- Virus, Polyoma, BK, 78-2252  
78-4893
- Virus, Polyoma, JC, 78-5793
- Virus, Radiation Leukemia, 78-3310  
78-4414, 78-6874
- Virus, Rauscher Murine Leukemia  
78-2229, 78-2819, 78-2907  
78-3978, 78-4444, 78-5202  
78-5778, 78-5781, 78-6889
- Virus, RD-114, 78-0883, 78-1631  
78-2904, 78-2907, 78-5850
- Virus, Rhino, 78-5823
- Virus, RNA Tumor, 78-5216
- Virus, Rous Sarcoma, 78-0307  
78-1554, 78-1558, 78-1566  
78-2771, 78-2904, 78-3269  
78-3270, 78-3271, 78-3272  
78-3283, 78-3293, 78-3376  
78-3950, 78-3952, 78-3955  
78-4391, 78-5193, 78-5744  
78-6401, 78-6853
- Virus, Simian Sarcoma, 78-1631  
78-2907, 78-6936
- Virus, Squirrel Monkey, 78-2301  
78-4010, 78-4011
- Virus, SV40, 78-0977, 78-3345  
78-3346, 78-3350, 78-4031  
78-4036, 78-5251, 78-5812
- Warts, 78-2828

**Antigens**

- Acetamide, *N*-Fluorenyl-2-yl-, 78-4284
- Carrageen, 78-6490
- Cell Transformation, Neoplastic  
78-6694
- Cervix Neoplasms, 78-5868
- Cholanthrene, 3-Methyl-, 78-2914
- Fibrosarcoma, 78-3436
- Hodgkin's Disease, 78-6487
- 2-Imidazolidinone, 1-(5-Nitro-2-thiazolyl)-, 78-6490
- Immune Serums, 78-0446
- Leukemia, 78-4572, 78-6681
- Leukemia, Lymphoblastic, 78-1695  
78-3407, 78-4545
- Leukemia, Lymphocytic, 78-1695
- Leukemia, Myeloblastic, 78-4545  
78-7019
- Liver Neoplasms, 78-6692
- T-Lymphocytes, 78-3407
- Lymphoma, 78-6487, 78-6681
- Multiple Myeloma, 78-1695
- Myeloid Metaplasia, 78-4533
- Myeloma Proteins, 78-7040

**Antigens (cont'd)**

- Neoplasms, 78-6687
- Neoplasms, Radiation-Induced  
78-1524
- Neuroblastoma, 78-4572
- Plasmacytoma, 78-6013
- Radiation, Ionizing, 78-6490
- Reserpine, 78-6490
- Skin Neoplasms, 78-4568
- 4,4'-Stilbenediol,  $\alpha,\alpha'$ -Diethyl-  
78-7011
- Teratoid Tumor, 78-0447
- Tuberculin, 78-2315
- Virus, Adeno 12, 78-7008
- Virus, Epstein-Barr, 78-5833  
78-6460
- Virus, Marek's Disease Herpes  
78-6860
- Virus, Murine Leukemia, 78-0650
- Virus, Polyoma, 78-1615, 78-6496
- Virus, Rauscher Murine Leukemia  
78-5782
- Virus, SV40, 78-2839, 78-7008
- Virus, Turkey Herpes, 78-6860

**Antigens, Bacterial**

- Benzo(a)pyrene, 78-4602
- Cervix Neoplasms, 78-7065
- Cholanthrene, 3-Methyl-, 78-4602
- Diphenylamine, *N*-Nitroso-, 78-5086
- Nasopharyngeal Neoplasms, 78-0423
- Neoplasms, Experimental, 78-3392
- Urea, Methyl Nitroso-, 78-5086
- Virus, Herpes Simplex 2, 78-7065

**Antigens, Heterogenetic**

- Leukemia, 78-0967
- Lymphoma, 78-0967
- Mammary Neoplasms, Experimental  
78-1420
- Splenic Neoplasms, 78-3373
- Stomach Neoplasms, 78-0981
- Thymoma, 78-0857
- Tuberculin, 78-2315
- Virus, Friend Spleen Focus-Forming  
78-3373

**Antigens, Neoplasm**

- Alpha Fetoproteins, 78-0653
- Anti-Antibodies, 78-4601
- Bladder Neoplasms, 78-7199
- Brain Neoplasms, 78-3384
- Breast Neoplasms, 78-0988, 78-3466
- Burkitt's Lymphoma, 78-3386
- Carcinoma, 78-3460
- Carcinoma, Epidermoid, 78-5854
- Cell Membrane, 78-0976
- Cell Transformation, Neoplastic  
78-6077
- Cholanthrene, 3-Methyl-, 78-4064
- Dimethylamine, *N*-Nitroso-, 78-0444
- Down's Syndrome, 78-0979
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78-1596, 78-2293, 78-3193  
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78-1556, 78-1594, 78-1686  
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- Benzene, Hexachloro-, 78-6305
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- 1,2-Benzisothiazolin-3-one, 1,1-Dioxide, Sodium Salt, 78-3805
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- Diethylamine, 2,2'-Dichloro-*N*-methyl-, 78-1468
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78-0803, 78-5660, 78-6245  
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**N-Nitrosoheptamethyleneimine**

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- ribofuranosyl-, 78-5233
- Cell Transformation, Neoplastic  
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- Cells, Cultured, 78-0396
- Chromosomes, 78-6962, 78-6964
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78-4902
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- Cytosine, 1- $\beta$ -D-Arabinofuranosyl-  
78-6963
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78-3357
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- Nucleoproteins, 78-4517
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78-4519, 78-5838, 78-5841  
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- Antigens, Viral, 78-6464, 78-6467
- Cells, Cultured, 78-6464
- DNA, Viral, 78-6464, 78-6465
- Endonucleases, 78-3351
- Virus, Adeno 7, 78-6467

**Virus, Adeno 5**

- $\alpha$ -Amanitine, 78-0905
- Benz(a)anthracene, 7,12-Dimethyl-  
78-5041
- Benzo(a)pyrene, 78-5041
- Carcinoma, Epidermoid, 78-6967
- Cell Transformation, Neoplastic  
78-5844
- Cells, Cultured, 78-5844
- Chloroform, 78-0902
- Chromatin, 78-0398, 78-6466
- Cycloheximide, 78-5845
- Deoxyribonuclease, 78-5845
- DNA Nucleotidyltransferases  
78-0899
- DNA Replication, 78-0903, 78-0904
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78-0904, 78-0906, 78-1671  
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78-6466
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78-3351
- Glycoproteins, 78-5844
- Histones, 78-2886
- Melanoma, 78-6967
- Neoplasms, Experimental, 78-5844
- Phosphonoacetic Acid, 78-0899
- Ribosomes, 78-0375
- RNA Polymerase, 78-0905
- RNA, Viral, 78-0905
- Sarcoma, 78-6967
- 12-*O*-Tetradecanoylphorbol-13-  
acetate, 78-5041
- Viral Proteins, 78-0902, 78-2886
- Virus, Adeno-Associated, 78-1672
- Virus, Polyoma, BK, 78-4483
- Virus Replication, 78-4483
- Virus, Shope Rabbit Papilloma  
78-6475
- Virus, Simian Adeno 7, 78-6968

**Virus, Adeno 6**

- DNA, Viral, 78-4042
- Hexokinase, 78-5847
- Lactate Dehydrogenase Isoenzymes  
78-5847
- Malate Dehydrogenase, 78-5847

**Virus, Adeno 7**

- Acetamide, *N*-Fluorenyl-, 78-2070
- Acetic Acid, Lead Salt, 78-5117
- Antibodies, Viral, 78-3412
- Antigens, Viral, 78-2288, 78-4518  
78-6467
- Benz(a)anthracene, 7,12-Dimethyl-  
78-1634
- Benzo(a)pyrene, 78-1634

**Virus, Adeno 7 (cont'd)**

- Carbamic Acid, Ethyl Ester, 78-2070
- Carcinogen, Chemical, 78-1634  
78-2070
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- Cholanthrene, 3-Methyl-, 78-1634
- Diethylamine, *N*-Nitroso-, 78-1634  
78-2070
- Dimethylamine, *N*-Nitroso-, 78-2070
- DNA, Viral, 78-0887, 78-1635  
78-2289, 78-2887, 78-4042  
78-4043, 78-4518
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- Graft vs Host Reaction, 78-6468
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- Ligases, 78-0887
- Lymphoid Tissue, 78-6468
- Lymphoma, 78-1702
- Methanol, (Methyl-*ONN*-azoxy)-,  
Acetate (Ester), 78-1634
- Neoplasms, Experimental, 78-4042
- Nucleoproteins, 78-2289, 78-4043
- Virus, Adeno 3, 78-6467
- Virus, Adeno 12, 78-1675
- Virus-Like Particles, 78-2288

**Virus, Adeno 8**

- Antibodies, Viral, 78-3412

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- Antigens, Neoplasm, 78-0397
- Antigens, Viral, 78-0908, 78-1674  
78-3358, 78-5238, 78-6467  
78-6970
- BCG*, 78-7008
- Carrier Proteins, 78-2888
- Cell Agglutination, 78-6470
- Cell Transformation, Neoplastic  
78-2290, 78-5236, 78-5846  
78-6470, 78-6969
- Cells, Cultured, 78-0396
- Chromatin, 78-6969
- Complement, 78-0909
- Concanavalin A, 78-6470
- Cycloheximide, 78-0908
- Cyclophosphamide, 78-0451
- Cytosine, 1 $\beta$ -*D*-Arabinofuranosyl-  
78-0908
- DNA Nucleotidyltransferases  
78-3358
- DNA Replication, 78-1670, 78-5846
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78-1675, 78-2290, 78-3359  
78-5237, 78-5846, 78-5848  
78-6469, 78-6470, 78-6670
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- Fibroblasts, 78-0396
- Gastrointestinal Neoplasms, 78-1864  
78-5235
- Glycoproteins, 78-5234

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- Immunity, Cellular, 78-7008
- Interferon, 78-0908
- Lactate Dehydrogenase Isoenzymes  
78-5847
- Lipopolysaccharides, 78-7008
- Lung Neoplasms, 78-1864, 78-5235
- T-Lymphocytes, 78-6984
- Malate Dehydrogenase, 78-5847
- Neoplasms, Experimental, 78-0451  
78-1674, 78-6471, 78-6597
- Nucleic Acids, 78-1864
- Ribosomes, 78-6969
- Sarcoma, 78-5847
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- Virus, Adeno 7, 78-1675
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- Virus-Like Particles, 78-0396
- Virus Replication, 78-3359
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**Virus, Adeno 18**

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- Virus, Adeno 12, 78-1675

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- Antigens, Viral, 78-6467
- DNA, Viral, 78-1675
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- $\alpha$ -Amanitine, 78-0900
- Canavanine, 78-1672
- Peptides, 78-1672
- RNA Polymerase, 78-0900
- RNA Replication, 78-0900
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- Virus, Helper, 78-1672

**Virus, Adeno 2 - SV40 Hybrid**

- Antigenic Determinants, 78-2265  
78-4038
- Cell Transformation, Neoplastic  
78-1249
- DNA, Viral, 78-0925, 78-2880  
78-3352
- HeLa Cells, 78-6966
- RNA, Messenger, 78-6966
- Ultraviolet Rays, 78-1249
- Viral Proteins, 78-0937, 78-2265  
78-4038, 78-6966
- Virus, Adeno 2, 78-5841
- Virus Replication, 78-1249
- Virus, SV40, 78-0937, 78-1249  
78-2265, 78-4038

**Virus, Adeno 7 - SV40 Hybrid**

- Plasminogen Activators, 78-1652
- Temperature Sensitive Mutants  
78-2285

**Virus, Aleutian Mink Disease**

- Glomerulonephritis, 78-1257

**Virus, Arbo**

- Stomach Neoplasms, 78-1135



**Virus, Avian Carcinoma**

- Fibroblasts, 78-5190
- Macrophages, 78-5190
- Viral Proteins, 78-5190
- Virus, Avian Leukosis, 78-5190
- Virus, Helper, 78-5190

**Virus, Avian Erythroblastosis**

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- Cell Transformation, Neoplastic  
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- Genes, Viral, 78-3286
- Globin, 78-3285
- Hemoglobins, 78-6390
- Leukemia, 78-6390
- RNA, Viral, 78-3286

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78-6387, 78-6676
- Deletion Mutants, 78-6087
- DNA, Viral, 78-2193
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- Ethylenimine, 78-2747
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- Hematopoietic Stem Cells, 78-6676
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- Liver Neoplasms, 78-6388, 78-6389
- Radiation, Ionizing, 78-2747
- Reverse Transcriptase, 78-2193
- RNA, Viral, 78-6387
- Testicular Neoplasms, 78-6389
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- Ultraviolet Rays, 78-2747
- Viral Proteins, 78-2198, 78-3672  
78-5747
- Virus, Avian Carcinoma, 78-5190
- Virus, Helper, 78-6388, 78-6389
- Virus, Marek's Disease Herpes  
78-3294
- Virus, Recombinant, 78-6087
- Virus, Rous Sarcoma, 78-1554  
78-2193

**Virus, Avian Leukosis-Sarcoma**

- Antigenic Determinants, 78-5736
- Genes, Viral, 78-6677
- Nucleotide Sequence, 78-6843
- Reverse Transcriptase, 78-2779
- RNA, Viral, 78-6843
- Viral Proteins, 78-0305, 78-1566  
78-5736
- Virus, Avian Myelocytomatosis  
78-5187
- Virus, Helper, 78-1566, 78-6677
- Virus Replication, 78-1566
- Virus, Rous Sarcoma, 78-0305  
78-1566

**Virus, Avian Myeloblastosis**

- Antigen-Antibody Reactions  
78-3288, 78-5741
- Antigens, Viral, 78-5741
- Benz(a)anthracene, 7,12-Dimethyl-  
78-2609
- Benzo(a)pyrene, 78-2609
- Cyclophosphamide, 78-1569
- DNA Nucleotidyltransferases  
78-0780, 78-3287
- DNA Polymerase, 78-5742, 78-5743
- DNA Replication, 78-5217
- DNA, Viral, 78-5217
- Glycoproteins, 78-3270, 78-3288  
78-4387, 78-6844
- Hematopoietic Stem Cells, 78-2782
- $\beta$ -Lapachone, 78-1571
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- RNA, Viral, 78-0315, 78-1561  
78-5203
- Sulfuric Acid, Monododecyl Ester,  
Sodium Salt, 78-4388
- Viral Proteins, 78-0299, 78-0315  
78-3272, 78-4388, 78-5742  
78-6845
- Virus, Rauscher Murine Leukemia  
78-3272
- Virus, RNA Tumor, 78-0846  
78-5271
- Virus, Rous Sarcoma, 78-1558  
78-3270, 78-3944, 78-5741

**Virus, Avian Myelocytomatosis**

- Cell Transformation, Neoplastic  
78-2782, 78-3286, 78-4386
- Fibroblasts, 78-2782
- Genes, Viral, 78-3286, 78-5187
- Hematopoietic Stem Cells, 78-2782
- Hepatoma, 78-4389
- Macrophages, 78-2782
- RNA, Viral, 78-3286
- Virus, Avian Leukosis-Sarcoma  
78-5187
- Virus, Helper, 78-5187
- Virus Replication, 78-5187
- Virus, Rous Sarcoma, 78-5187

**Virus, Avian Reticuloendotheliosis**

- Antibodies, Viral, 78-2204
- Cell Transformation, Neoplastic  
78-2205
- DNA Replication, 78-2783
- DNA, Viral, 78-2783, 78-4401
- Immunosuppression, 78-3946
- Nucleoproteins, 78-6405
- RNA, Viral, 78-2806

**Virus, Avian Reticuloendotheliosis (cont'd)**

- Virus, Marek's Disease Herpes  
78-0321
- Virus, SV40, 78-2806
- Virus, Turkey Herpes, 78-0321

**Virus, Avian Sarcoma**

- Antigen-Antibody Reactions  
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- Antigenic Determinants, 78-1555  
78-2776, 78-5739
- Antigens, Neoplasm, 78-4391
- Antigens, Viral, 78-2776, 78-5740
- Astrocytoma, 78-0304
- Brain Neoplasms, 78-0304
- Carcinoembryonic Antigen, 78-5740
- Cell Transformation, Neoplastic  
78-2770, 78-2778, 78-4882  
78-6676
- Deletion Mutants, 78-6087
- Dibutyl Cyclic AMP, 78-3291
- DNA Nucleotidyltransferases  
78-3292
- DNA Replication, 78-3292
- DNA-RNA Hybridization, 78-6392
- DNA, Viral, 78-6842
- Fibrosarcoma, 78-2770
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- Protein Kinase, 78-5737
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- Replication Defective Mutants  
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78-1555, 78-5191
- RNA, Cytoplasm, 78-2778
- RNA, Messenger, 78-2770, 78-6391  
78-6840
- RNA Replication, 78-4882
- RNA, Viral, 78-2769, 78-3291  
78-3292, 78-4399, 78-4880  
78-4882, 78-5738, 78-6392  
78-6840, 78-6972
- Sarcoma, 78-1555
- Temperature Sensitive Mutants  
78-4881
- Viral Proteins, 78-0310, 78-1555  
78-2770, 78-2778, 78-3672  
78-5739, 78-6840
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- BCG, 78-7006
- Blood Platelets, 78-4398
- Brain Neoplasms, 78-2780, 78-6408
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**Virus, Polio**

- Adenosine Triphosphate, 3'-Deoxy-
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